

Project Title	Funding	Strategic Plan Objective	Institution
Assessing the accuracy of rapid phenotyping of nonverbal autistic children	\$124,998	Q1.S.A	Kennedy Krieger Institute
Autism: Social and communication predictors in siblings	\$723,431	Q1.L.A	Kennedy Krieger Institute
Clinical and behavioral phenotyping of autism and related disorders	\$1,954,272	Q1.L.B	National Institutes of Health
Predicting outcomes in autism with functional connectivity MRI	\$14,998	Q1.L.B	National Institute of Mental Health
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	\$0	Q1.L.C	Johns Hopkins University
Sensitive periods in cerebellar development	\$32,941	Q2.S.A	University of Maryland, Baltimore
Prostaglandins and cerebellum development	\$356,400	Q2.S.A	University of Maryland, Baltimore
Foxp2 regulation of sex specific transcriptional pathways and brain development	\$88,128	Q2.S.B	University of Maryland, Baltimore
Why are autistic females rare and severe? An approach to autism gene identification.	\$28,600	Q2.S.B	Johns Hopkins University
Dysregulation of protein synthesis in fragile X syndrome	\$1,089,880	Q2.S.D	National Institutes of Health
Olfactory abnormalities in the modeling of Rett syndrome	\$339,270	Q2.S.D	Johns Hopkins University
Probing the Molecular Mechanisms Underlying Autism: Examination of Dysregulated Protein Synthesis	\$49,300	Q2.S.D	National Institute of Mental Health (NIH)
Treatment of medical conditions among individuals with autism spectrum disorders	\$488,568	Q2.S.E	National Institutes of Health
Neuroendocrine regulation of metabolism and neurocognition	\$355,088	Q2.S.E	National Institutes of Health
CIRCADIAN RHYTHMS IN CHILDREN WITH ASD AND THEIR INFANT SIBLINGS	\$99,000	Q2.S.E	Naval Medical Research Center
Neuroimmunologic investigations of autism spectrum disorders (ASD)	\$162,856	Q2.S.F	National Institutes of Health
Pediatric brain imaging	\$2,140,977	Q2.L.A	National Institutes of Health
How autism affects speech understanding in multitalker environments	\$0	Q2.Other	University of Maryland, College Park
Understanding the brain basis of impaired imitation learning in autism	\$56,900	Q2.Other	Kennedy Krieger Institute
GABAergic dysfunction in autism	\$50,000	Q2.Other	Johns Hopkins University
Dynamic regulation of Shank3 and ASD	\$604,587	Q2.Other	Johns Hopkins University
A neural model of fronto-parietal mirror neuron system dynamics	\$178,100	Q2.Other	University of Maryland, College Park
EEG-based assessment of functional connectivity in autism	\$175,176	Q2.Other	Kennedy Krieger Institute
High throughput screen for small molecule probes for neural network development	\$388,800	Q2.Other	Johns Hopkins University
A preliminary investigation of the neurobehavioral basis of sensory behavior in autism	\$20,000	Q2.Other	Kennedy Krieger Institute

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BRAIN MECHANISMS OF AFFECTIVE LANGUAGE COMPREHENSION IN AUTISM SPECTRUM DISORDERS	\$506,507	Q2.Other	University of Maryland, College Park
Role of LIN28/let-7 axis in autism	\$62,500	Q2.Other	Johns Hopkins University School of Medicine
Dysfunction of sensory inhibition in autism	\$258,134	Q2.Other	Johns Hopkins University
The role of the GRIP protein complex in AMPA receptor trafficking and autism spectrum disorders	\$15,000	Q2.Other	Johns Hopkins University
The cognitive neuroscience of autism spectrum disorders	\$997,922	Q2.Other	National Institutes of Health
Functional anatomy of face processing in the primate brain	\$1,555,641	Q2.Other	National Institutes of Health
Learning and plasticity in the human brain	\$392,666	Q2.Other	National Institutes of Health
Parental Exposures to Occupational Asthmagens and Risk of Autism Spectrum Disorders	\$29,500	Q3.S.H	Johns Hopkins University
Risk factors, comorbid conditions, and epidemiology of autism in children	\$0	Q3.S.H	Henry M. Jackson Foundation
Mechanisms of valproic acid-induced neurodevelopmental and behavioral defects	\$302,269	Q3.S.J	University of Maryland, Baltimore
Epigenetic DNA modifications in autistic spectrum disorders	\$163,813	Q3.S.J	Johns Hopkins University School of Medicine
Environment, the perinatal epigenome, and risk for autism and related disorders	\$1,400,550	Q3.S.J	Johns Hopkins University
Genome-wide examination of DNA methylation in autism	\$149,999	Q3.S.J	Johns Hopkins University
Hypocholesterolemic autism spectrum disorder	\$45,647	Q3.L.B	National Institutes of Health
Developing new statistical methods to detect variants involved in complex disease	\$434,485	Q3.L.B	National Institutes of Health
Genetic epidemiology of complex traits	\$589,154	Q3.L.B	National Institutes of Health
Sequencing Female-enriched Multiplex Autism Families (FEMFs)	\$0	Q3.L.B	Johns Hopkins University School of Medicine
Integrative genetic analysis of autism brain tissue	\$0	Q3.L.B	Johns Hopkins University School of Medicine
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	\$1,000,000	Q3.L.D	Johns Hopkins University
Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh	\$0	Q3.L.D	Johns Hopkins University
A Controlled Trial of Transcendental Meditation to Treat Anxiety and Stress Among Adolescents with Autism Spectrum Disorders	\$10,400	Q4.S.A	Center for Autism Assessment and Treatment
Roles of oxytocin and vasopressin in brain	\$1,496,471	Q4.S.B	National Institutes of Health
Studying the neural development of patient-derived stem cells	\$62,500	Q4.S.B	Johns Hopkins University School of Medicine

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Studies of genetic and metabolic disorders, autism and premature aging	\$1,446,354	Q4.S.B	National Institutes of Health
The role of glutamate receptor interacting proteins in autism	\$249,999	Q4.S.B	Johns Hopkins University School of Medicine
Comprehensive parent-mediated intervention for children with autism in southern Taiwan	\$100,000	Q4.S.D	Johns Hopkins University
Effects of self-generated experiences on social cognitive development in young children with autism	\$149,997	Q4.S.F	Kennedy Krieger Institute
3/3-Multisite RCT of early intervention for spoken communication in autism	\$442,594	Q4.S.F	Kennedy Krieger Institute
Development of a social and communication intervention for preschoolers with autism	\$499,938	Q4.L.D	Kennedy Krieger Institute
Using robotics to promote social cognitive skills in the inclusive classroom	\$0	Q4.Other	Anthrotronix, Inc.
Effects of active motor & social training on developmental trajectories in infants at high risk for ASD	\$0	Q4.Other	Kennedy Krieger Institute
Impacts and State utilization of HCBS waiver services for families and children with autism	\$199,999	Q5.S.A	Towson University
Occurrence and family impact of elopement in children with ASD	\$0	Q5.S.D	Kennedy Krieger Institute
Improving Part C services and outcomes for underserved children with ASD	\$282,188	Q5.L.C	Hugo Moser Kennedy Krieger Research Institute
Master's of Education (Med) in Severe Disabilities: ASD, A Low Incidence Disability	\$249,498	Q5.Other	University of Maryland
M.Ed. in autism spectrum disorders (ASDs) for teachers in the Department of Defense Dependent Schools (DoDDS)	\$0	Q5.Other	University of Maryland
Survey of services needs of adults with ASD	\$0	Q6.S.A	Kennedy Krieger Institute
Supporting teens with autism on relationshiPS	\$270,180	Q6.L.A	Danya International, Inc.
State of the states in services and supports for persons with autism spectrum disorder.	\$13,495	Q7.B	Centers for Medicare & Medicaid Services (CMS)
Accelerating Autism Research through the Interactive Autism Network (IAN Core)	\$453,738	Q7.C	Kennedy Krieger Institute
Simons Simplex Community at the Interactive Autism Network (SSC@IAN)	\$97,500	Q7.C	Kennedy Krieger Institute
Interactive Autism Network Core and Simons Simplex Collection Registry	\$350,000	Q7.C	Hugo W. Moser Research Institute at Kennedy Krieger, Inc.
To support the ongoing operations of NDAR by providing direction, management and	\$635,431	Q7.H	Omnitec Solutions, Inc.
National Database on Autism Research	\$44,000	Q7.H	Center for Information Technology
Autism and Developmental Disabilities Monitoring (ADDMM) network - Maryland	\$408,000	Q7.I	Johns Hopkins University

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Autism Treatment Network (ATN) 2011- KKI	\$25,000	Q7.N	Kennedy Krieger Institute
ATN Registry	\$728,000	Q7.O	N/A
Office of the Scientific Director	\$8,561,517	Q7.Other	National Institutes of Health
Interactive Autism Network-Core Activities	\$100,000	Q7.Other	Hugo W. Moser Research at Kennedy Krieger, Inc.

